

# Converting Colors

Hex(1E5FE0)

Have a look what the booklet for  
Hex(1E5FE0) contains.

<b>Hex(1E5FE0)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(1E5FE0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1E5FE0
RGB	30, 95, 224
RGB Percent	12%, 37%, 88%
CMY	0.8824, 0.6275, 0.1216
CMYK	0.87, 0.58, 0.00, 0.12
HSL	220°, 76%, 50%
HSV	220°, 87%, 88%
XYZ	18.0822, 13.8423, 72.2398
YIQ	90.2710, -80.1490, 26.3390

# Conversions

## Conversions Part 2

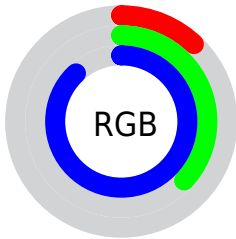
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	30, 79, 224
Decimal	1990624
CIE <sub>Lab</sub>	44.01, 28.92, -70.98
CIE <sub>LCh</sub>	44, 76.644, 292.170
Yxy	13.8423, 0.1736, 0.1329
Android (android.graphics.Color)	4280180704 (0xFF1E5FE0)
YUV	90.2710, 65.9284, -52.8577
Hunter-Lab	37.2052, 21.6441, -89.0774

# Details

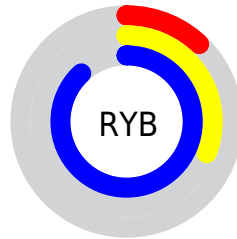
The Hex color **1E5FE0** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **E09F1E**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **7191FF**, and **0032A8** is the 20% darker color. If you saturate the color by 10%, you get **0850E0**, and if you desaturate by 10%, it is **346EE0**.

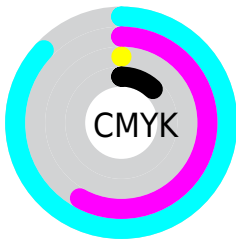
# Distribution



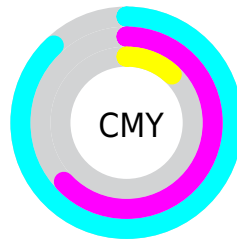
- Red (12%)
- Green (37%)
- Blue (88%)



- Red (12%)
- Yellow (31%)
- Blue (88%)



- Cyan (87%)
- Magenta (58%)
- Yellow (0%)
- Black (12%)



- Cyan (88%)
- Magenta (63%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1E5FE0 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 1E5FE0 by changing the saturation by 10% instead.



 1E5FE0

 1E5FE0

FFFFFF

 0048C3

 7191FF

 0032A8

 91ABFF

 001F8C

 B0C6FF

 000C72

 CFE2FF

 000A59

 EEEFFF

 000740

 000329

 000113

 000000

■ 1E5FE0

■ 1E5FE0

■ 0850E0

■ 346EE0

■ 004BE0

■ 4B7DE0

■ 618CE0

■ 789BE0

■ 8EA9E0

■ A4B8E0

■ BBC7E0

■ D1D6E0

■ E8E5E0

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0076E8



1E5FE0



A138B7

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1E5FE0



B93F00



008155

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



1E5FE0



E09F1E

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



007D03



1E5FE0



8D6000

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



1E5FE0



D2003D



527300



008297

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



1E5FE0



C30891



527300



00803E



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



1E5FE0



BDD3FF



1EE09C



586580



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



1E5FE0



0055FF



3B1EE0



656970



003BB0



001030



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



E01E5F



FF0055



C3E01E



706569



B0003B



300010



# Previews

## White Background



This preview shows how the Hex color 1E5FE0 looks on a white background.

## Color Contrast Check

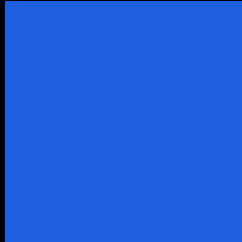
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 1E5FE0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1E5FE0 Background



This preview shows how black text looks on a background with the Hex color 1E5FE0.

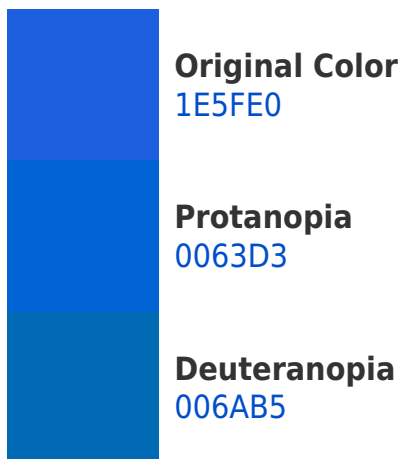


This preview shows how white text looks on a background with the Hex color 1E5FE0.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



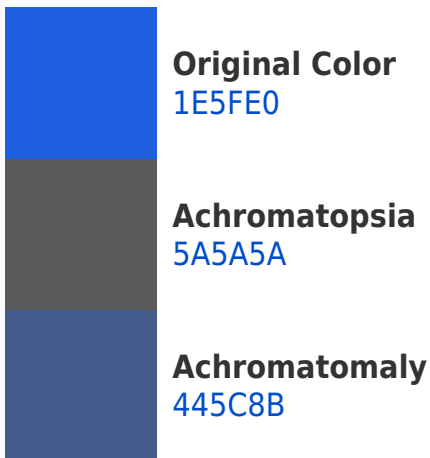


**Tritanopia**  
00737A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1E5FE0 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #1E5FE0 looks like.

```
.text, #text, p{  
    color:#1E5FE0  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #1E5FE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E5FE0
}
```

## Border

The CSS property to change the border of an element to Hex 1E5FE0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1E5FE0 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#1E5FE0 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #1E5FE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E5FE0; -webkit-box-shadow:4px 4px  
4px 4px #1E5FE0; box-shadow:4px 4px 4px  
4px #1E5FE0 }
```

# Background

The CSS property to change the background color of an element to Hex 1E5FE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E5FE0 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#1E5FE0 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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